

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.

SP-147

Total Pages

2

First Named Inventor or Application Identifier | House, Keith L.

Title : PLASMA CHEMICAL VAPOR DEPOSITION METHODS AND APPARATUS

Express Mail Label No.

EL689101295US

CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10:

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is Addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231

on December 21, 2001

(Date)

Signature

"EXPRESS MAIL" Mailing Label No. EL689101295US

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages 25]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description

3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 8]

4. ☒ Oath or Declaration [Total Pages 2]

a. ☒ Executed (original or copy)

b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)

i. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. ☐ Computer Readable Copy

b. ☐ Paper Copy (identical to computer copy)

c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))

8. ☒ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)

9. ☐ English Translation Document (if applicable)

10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

11. ☐ Preliminary Amendment

12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)

14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional. ☐ Continuation-in-part (CIP) of prior application No

Prior application information: Examiner: Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

22928

or ☐ Correspondence address below

NAME	Timothy R. Krogh				
ADDRESS	Corning Incorporated, SP-TI-3-1				
CITY	Corning	STATE	NY	ZIP CODE	14831
COUNTRY	USA	TELEPHONE	974-2743	FAX	(607) 974-3848
Name (Print/Type)	Timothy R. Krogh			Registration No. (Attorney/Agent)	40,688
Signature				Date	December 21, 2001

# FEE TRANSMITTAL for FY 2001

*Complete if Known*

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	House, Keith
Examiner Name	To Be Assigned
Group / Art Unit	To Be Assigned
Attorney Docket Number	SP01-347

**TOTAL AMOUNT OF PAYMENT (\$1,032.00)**

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-3325

Deposit Account Name Corning Incorporated

- ☒ Charge Any Additional Fees Required  
Under 37 C.F.R. §§ 1.16 and 1.17

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	Utility filing fee	<u>740.00</u>
106	330	Design filing fee	
107	510	Plant filing fee	
108	740	Reissue filing fee	
114	160	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$740.00)</b>

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	43 - 20** = 23	x 18 =	414.00
Independent Claims	6 - 3** = 3	x 84 =	252.00
Multiple Dependent	0	=	0.00

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code	Fee (\$)	Fee Description
103	18	Claims in excess of 20
102	84	Independent claims in excess of 3
104	280	Multiple dependent claim, if not paid
109	84	** Reissue independent claims over original patent
110	18	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$992.00)**

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1,390	Extension for reply within fourth month	
128	1,890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,240	Petition to revive - unintentional	
142	1,240	Utility issue fee (or reissue)	
143	440	Design issue fee	
144	600	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties) <u>1</u> x 40	
146	710	Filing a submission after final rejection (37 C.F.R. § 1.129(a))	
149	710	For each additional invention to be examined (37 C.F.R § 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			
<b>*Reduced by Basic Filing Fee Paid</b>			
<b>SUBTOTAL (3)</b>			<b>(\$ 40.00)</b>

## SUBMITTED BY

## Completed (if applicable)

Name (Print/Type)	Timothy R. Krogh	Registration No. (Attorney/Agent)	40,688
Signature		Date	December 21, 2001

(U.S.)

Attorney Docket No.: SP01-347

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** House, et al

**Serial No.:**

**Filed:**

**For:** PLASMA CHEMICAL VAPOR  
DEPOSITION METHODS AND  
APPARATUS

**COMBINED  
CERTIFICATE UNDER  
37 C.F.R. § 3.73(b)  
and  
POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, DC 20231

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

**CORNING INCORPORATED**, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the unrecorded Assignment is attached hereto.

The undersigned has reviewed the above referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(U.S.)

Attorney Docket No.: SP01-347

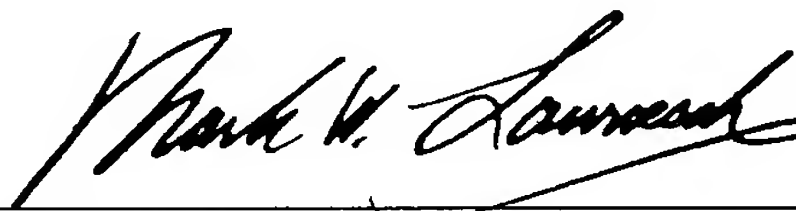
**POWER OF ATTORNEY BY ASSIGNEE**

CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled **PLASMA CHEMICAL VAPOR DEPOSITION METHODS AND APPARATUS** and executed by Keith L. House, Samir Khanna, Barton G. Lane III, Prantik Mazumder, on 12/03/01, 11/30/01, 12/14/01, 11/30/01, respectively, appoints the practitioners associated with the Customer Number provided below (i.e., the practitioners associated with the Patent Department, Corning Incorporated) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Please direct all correspondence to Timothy R. Krogh at the address associated with that Customer Number.

**Customer Number: 22928**

CORNING INCORPORATED

Date: 12/21/01

By   
Mark W. Lauroesch  
Assistant Secretary

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

12/31/2001 EHAILE1 00000063 033325 10027282

01 FC:101	740.00 CH
02 FC:102	252.00 CH
03 FC:103	414.00 CH